

AMENDMENTS TO THE CLAIMS

The following is a complete, marked up listing of revised claims with a status identifier in parentheses, underlined text indicating insertions, and strikethrough and/or double-bracketed text indicating deletions.

Listing of the Claims

1. (Currently Amended) A ~~computer-readable~~ recording medium having a data structure for managing reproduction of at least still images, comprising:
a first navigation area storing a playlist file, the playlist file including at least one playitem, the playitem indicating an in-point ~~of a clip stream file~~ including video data and an out-point of the clip stream file, the clip stream file including video data to display as a still image, and the playitem including first duration information indicating whether to display the still image for one of a finite and an infinite period of time; and
a second navigation area storing a clip information file, the clip information file including mapping information between a presentation time and a unit of the clip stream file.

2-3. (Cancelled)

4. (Currently Amended) The ~~computer-readable~~ recording medium of claim 1, wherein the playitem includes an indicator indicating whether to display a still image.

5. (Cancelled)

6. (Currently Amended) The ~~computer-readable~~ recording medium of claim 1, wherein the playitem includes an indicator indicating a file name of the clip information file associated with the clip stream file.

7. (Currently Amended) The ~~computer-readable~~ recording medium of claim 6, wherein the playitem includes an indicator indicating an STC id for a portion of the clip stream file indicated by the clip information file name.

8. (Currently Amended) The ~~computer-readable~~ recording medium of claim 1, wherein the playlist file further includes at least one playlist mark pointing to the still image in the clip stream file.

9-11. (Cancelled)

12. (Currently Amended) The ~~computer-readable~~ recording medium of claim 1, wherein the playitem includes a second duration information indicating a length of time to display the still image when the first duration information indicates to display the still image for a finite period of time.

13. (Cancelled)

14. (Currently Amended) The ~~computer-readable~~ recording medium of claim 1, wherein the clip stream file having video data includes at least one of an I picture, B picture, and P picture, and wherein the first navigation file indicates to display the at least one of the I picture, B picture, and P picture in the clip stream file as the still image.

15. (Cancelled)

16. (Currently Amended) A method of reproducing still images from a recording medium, comprising:

reproducing playlist file and a clip information file, the playlist file including at least one playitem, the playitem indicating an in-point ~~of a clip stream file including video data~~ and an out-point of the clip stream file, the clip

stream file including video data to display as a still image, ~~and the playlist file~~
playitem including first duration information indicating whether to display the
still image for one of a finite and an infinite period of time and the clip
information file including mapping information between a presentation time
and a unit of the clip stream file; ~~and~~

~~reproducing a still image from the clip stream file recorded on the
recording medium based on the reproduced the playlist file and clip
information file.~~

17. (Cancelled)

18. (Currently Amended) An apparatus for reproducing a still image
recorded on a recording medium, comprising:

a pick up configured to reproduce data recorded on the recording
medium;

a controller configured to control the pick up to reproduce a playlist file
and a clip information file, the playlist file including at least one playitem, the
playitem indicating an in-point and an out-point of a clip stream file including
video data ~~and an out-point of the clip stream file~~ to display as a still image,
~~and the playlist file~~ playitem including first duration information indicating
whether to display the still image for one of a finite and an infinite period of
time, and the clip information file including mapping information between a
presentation time and a unit of the clip stream file, ~~and the controller
configured to reproduce a still image from the clip stream file recorded on the
recording medium based on the reproduced playlist file and clip information
file.~~

19. (Currently Amended) A method of recording a data structure for
managing reproduction of at least still images, comprising:

recording a playlist file including at least one playitem, the playitem
indicating an in-point and an out-point of a clip stream file including video

data ~~and an out-point of the clip stream file~~ to display as a still image, and the playitem including first duration information indicating whether to display the still image for one of a finite and an infinite period of time; and

recording a clip information file including mapping information between a presentation time and a unit of the clip stream file.

20. (Currently Amended) An apparatus for recording a still image recorded on a recording medium, comprising:

a pick up configured to record data on the recording medium;

a controller configured to control the pick up to record a playlist file and a clip information file, the playlist file including at least one playitem, the playitem indicating an in-point and an out-point of a clip stream file including video data ~~and an out-point of the clip stream file~~ to display as a still image, ~~and the playlist file~~ playitem including first duration information indicating whether to display the still image for one of a finite and an infinite period of time, and the clip information file including mapping information between a presentation time and a unit of the clip stream file.

21. (Cancelled)

22. (Previously Presented) The method of claim 16, wherein the playitem includes an indicator indicating whether to display a still image.

23. (Cancelled)

24. (Previously Presented) The method of claim 16, wherein the playitem includes a second duration information indicating a length of time to display the still image when the first duration information indicates to display the still image for a finite period of time.

25. (Previously Presented) The method of claim 16, wherein the clip stream file having video data includes at least one of an I picture, B picture, and P picture, and wherein the first navigation file indicates to display the at least one of an I picture, B picture, and P picture in the clip stream file as the still image.

26. (Cancelled)

27. (Previously Presented) The apparatus of claim 18, wherein the playitem includes an indicator indicating whether to display a still image.

28. (Cancelled)

29. (Previously Presented) The apparatus of claim 18, wherein the playitem includes second duration information indicating a length of time to display the still image when the first duration information indicates to display the still image for a finite period of time.

30. (Previously Presented) The apparatus of claim 18, wherein the clip stream file having video data includes at least one of an I picture, B picture, and P picture, and wherein the first navigation file indicates to display the at least one of an I picture, B picture, and P picture in the clip stream file as the still image.

31. (Canceled)

32. (Previously Presented) The method of claim 19, wherein the playitem includes an indicator indicating whether to display a still image.

33. (Cancelled)

34. (Previously Presented) The method of claim 19, wherein the playitem includes second duration information indicating a length of time to display the still image when the first duration information indicates to display the still image for a finite period of time.

35. (Previously Presented) The method of claim 19, wherein the clip stream file having video data includes at least one of an I picture, B picture, and P picture, and wherein the first navigation file indicates to display the at least one of an I picture, B picture, and P picture in the clip stream file as the still image.

36. (Cancelled)

37. (Previously Presented) The apparatus of claim 20, wherein the playitem includes an indicator indicating whether to display a still image.

38. (Cancelled)

39. (Previously Presented) The apparatus of claim 20, wherein the playitem includes a second duration information indicating a length of time to display the still image when the first duration information indicates to display the still image for a finite period of time.

40. (Previously Presented) The apparatus of claim 20, wherein the clip stream file having video data includes at least one of an I picture, B picture, and P picture, and wherein the first navigation file indicates to display the at least one of an I picture, B picture, and P picture in the clip stream file as the still image.

END OF CLAIM LISTING